

2023

Chemistry (H)

B.Sc. First Semester End Examination - 2023

PAPER - SEC-1T

Full Marks : 20

Time : 1 hour

*The figures in the right-hand margin indicate marks.
Candidates are required to give their answers in their own
words as far as practicable.
Illustrate the answers wherever necessary.*

Group - A

Answer any five question :

2×5=10

1. (a) Write three harmful effects on Pesticides.
- (b) How will you synthesize Chloranil?
- (c) State the importance of sandalwood oil.
- (d) What are synthetic pesticides?
- (e) What are the common dyes used to preparation of lipstick?

(Turn Over)

(2)

- (f) What is alachlor? Why is alachlor banned?
- (g) What are the differences between semi-permanent and demi-permanent hair colors?
- (h) What is the main chemical formula for talcom power?
What is the main function of talcom power?

Group - B

Answer any two questions :

5×2=10

1. What is the chemical name of DDT? When did India ban DDT? How will you prepare DDT in laboratory? Mention three uses of DDT. 1+1+1+2
2. Discuss the general method for preparation of shampoo. How get like consistency is achieved from liquid consistency in gel shampo. 4+1
3. What is malathion? Is malathion an 'endocrine disruptor'? How exposure to malathion is reduced? 1+2+2
4. What are meant by 'Pest' and 'Pesticides'? What are the advantages and disadvantages for using synthetic pesticides? What are the alternatives of using pesticides? 1+3+1